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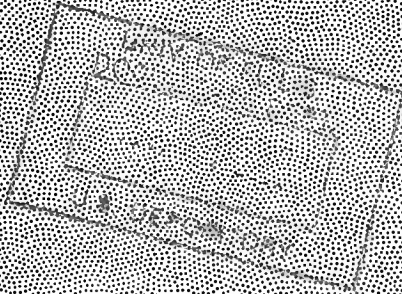
REPORT NO. 8

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Cotton Fiber and Processing Test Results



CROP of

1977



Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE
Memphis, Tenn. 38122 December 30, 1977

COTTON FIBER AND PROCESSING TEST RESULTS, CROP OF 1977

Discussion of Test Results

Southwestern short staple cottons tested through December 23 are longer, more uniform and finer than a year ago, according to the Cotton Division, Agricultural Marketing Service, USDA. Fiber strength is stronger at both zero and 1/8" gage tests. Picker and card waste is lower. Yarns spun from these samples are stronger. Appearance grades are slightly lower. The average spinning potential yarn number is much higher than it was at the same time last season.

Average results for all medium staple cottons tested show fibers to be longer, more uniform and coarser than a year earlier. Shirley Analyzer nonlint content is higher, but picker and card waste is lower. Yarns spun from these samples are weaker and have lower appearance grades. Yarn imperfections are higher.

Medium staple samples tested from the Southeast show about the same fiber characteristics as a year ago. Picker and card waste is lower. Yarns spun from these samples show weaker yarn strength than last season. Appearance grades are lower. The spinning potential is lower.

South Central medium samples tested are longer, more uniform and coarser than a year ago. Fiber strength is weaker at zero gage strength tests. Shirley Analyzer nonlint content is higher, but picker and card waste is lower. Yarns spun from these samples are weaker and have lower appearance grades. Yarn imperfections are higher.

Southwestern medium staple samples tested to date are longer, more uniform and stronger at zero gage than a year ago. Picker and card waste is lower. Yarns spun from these samples are weaker and have lower appearance grades. Yarn imperfections are lower.

Medium staple samples tested from the West are slightly shorter, more uniform and stronger than last season. Shirley Analyzer nonlint content is higher, but picker and card waste is lower this season. Yarns spun from these samples have lower yarn appearance grades. Yarn imperfections are higher.

Southeastern area long staple samples are shorter and coarser than a year ago. Both Shirley Analyzer and picker and card waste are higher than a year ago. Yarns spun from these samples are weaker. Yarn imperfections are fewer. The average spinning potential is lower.

South Central long staple samples tested are longer, more uniform and coarser than a year ago. Both Shirley Analyzer nonlint content and picker and card waste are higher. Yarns spun from these samples are weaker and have higher imperfections than a year earlier. Spinning potential is higher.

Long staple samples tested from the West show fibers to be shorter, less uniform and coarser than a year ago. Shirley Analyzer nonlint content is higher, but picker and card waste is lower. Yarns spun from these samples are weaker. Yarn imperfections are lower. Spinning potential is lower.

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These reports are published bi-weekly during the harvesting season and will be summarized in a comprehensive report at the end of the crop year. A detailed description of the tests shown in this report may be found in the summary report for the previous season.^{1/} These reports are available on request from the Standardization Section, Cotton Division, Agricultural Marketing Service, U. S. Department of Agriculture, 4841 Summer Avenue, Memphis, TN 38122.

^{1/} Summary of Cotton Fiber and Processing Test Results, Crop of 1976, USDA, AMS Cotton Division, June 1977.

Table 1.--Cotton: Averages of fiber and processing tests from selected gin points in the United States through December 23, 1977 1/

| Staple group Area, and Crop year | Lots tested | Fiber test results | | | | | | Processing test results | | | | |
|---|----------------|--------------------|------------------------|-----------------------|----------------|--------------|----------------|-------------------------|---------------|-----------------|------------------|--------------------|
| | | Fibrograph | | Mike fine- ness | Fiber strength | | S A nonlint | P & C waste | Yarn quality | | Spin. Potent. | |
| | | 2.5% span | 50/2.5 unif. | | Zero gage | 1/8" gage | | | Skein str. | Appear- ance | | Imperf- actions |
| | | | | <u>Inches</u> | | | <u>Pct.</u> | <u>Rdg.</u> | | | <u>Mpsi</u> | |
| | | <u>No.</u> | <u>22s Carded Yarn</u> | | | | | | | | | <u>Yarn No.</u> |
| Short Staple: Southwest 1976 1977 | 36 | 0.96 | 45 | 4.4 | 85 | 21 | 3.3 | 7.1 | 87 | 112 | 14 | 38 |
| | 81 | 0.99 | 46 | 4.2 | 88 | 22 | 3.2 | 5.4 | 100 | 109 | 13 | 48 |
| Medium Staple: Southeast 1976 1977 | 45 | 1.08 | 45 | 4.6 | 85 | 23 | 3.1 | 6.4 | 106 | 98 | 20 | 56 |
| | 36 | 1.08 | 45 | 4.7 | 86 | 22 | 3.2 | 6.1 | 96 | 92 | 21 | 50 |
| South Central 1976 1977 | 119 | 1.08 | 44 | 4.2 | 88 | 23 | 2.7 | 6.3 | 108 | 99 | 17 | 56 |
| | 123 | 1.11 | 45 | 4.6 | 86 | 23 | 3.5 | 6.0 | 104 | 95 | 22 | 57 |
| Southwest 1976 1977 | 31 | 1.06 | 45 | 4.1 | 82 | 22 | 3.3 | 6.5 | 104 | 96 | 22 | 56 |
| | 47 | 1.08 | 46 | 4.2 | 86 | 22 | 3.2 | 5.7 | 100 | 90 | 19 | 54 |
| West 1976 1977 | 56 | 1.12 | 45 | 4.2 | 90 | 25 | 2.2 | 5.7 | 120 | 90 | 19 | 67 |
| | 81 | 1.11 | 46 | 4.3 | 94 | 26 | 2.6 | 5.3 | 119 | 86 | 21 | 68 |
| U.S. Average 1976 1977 | 251 | 1.08 | 45 | 4.2 | 87 | 24 | 2.7 | 6.2 | 110 | 96 | 19 | 58 |
| | 287 | 1.10 | 46 | 4.5 | 88 | 23 | 3.2 | 5.8 | 106 | 91 | 21 | 59 |
| Significant dif- ference <u>2/</u> | | 0.02 | 2 | 0.2 | 2 | 1 | 0.5 | 0.5 | 4(22s) | 5 | 2 | 3 |

1/ Based on a limited number of samples of modal quality
2/ Minimum differences considered to be significant for comparisons in this table.

Table 1.--Cotton:

Averages of fiber and processing tests from selected gin points in the United States
through December 23, 1977

| Staple group, Area, and Crop year | Lots | Fiber Test Results | | | | | | Processing Test Results | | | | | | | | | | | | |
|---|------|--------------------|------|------|----------|--------------|--------------------|-------------------------|-----------------|--------------------|----------------|----------------|----------------------|-------------------|--------------------------|-----|-----|--|--|--|
| | | Length | | Mike | Strength | | SA Non- lint | P&C Waste | Comber Waste | Yarn Quality | | | | | 22s Carded & Combed Yarn | | | | | |
| | | Span | Unif | | Zero | 1/8" gage | | | | Strength carded | Lbs. carded | Indx carded | Appearance combed | Imprfctns card | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | No. | In. | Pct. | Rdg. | Mpsi | G/tx | Pct. | Pct. | Pct. | Lbs. | Lbs. | Indx | Indx | No. | No. | No. | No. | | | |
| Long Staple: Southeast 1976 1977 | 11 | 1.15 | 45 | 4.3 | 87 | 25 | 3.1 | 6.7 | 15.8 | | 116 | 137 | 103 | 115 | 21 | 9 | 67 | | | |
| | 12 | 1.13 | 45 | 4.8 | 88 | 23 | 3.5 | 7.1 | * | 99 | * | 102 | * | 18 | * | 58 | | | | |
| | 3 | 1.12 | 42 | 3.7 | 91 | 26 | 3.4 | 6.8 | 20.3 | | 109 | 137 | 97 | 103 | 13 | 10 | 57 | | | |
| | 3 | 1.16 | 45 | 4.5 | 92 | 24 | 4.3 | 7.2 | * | 106 | * | 97 | * | 24 | * | 63 | | | | |
| South Central 1976 1977 | 1 | 1.20 | 48 | 3.8 | 89 | 26 | 2.9 | 6.4 | 11.8 | | 147 | 162 | 90 | 100 | 30 | 12 | 103 | | | |
| | 6 | 1.18 | 47 | 4.1 | 92 | 27 | 3.2 | 6.0 | * | 130 | * | 92 | * | 24 | * | 89 | | | | |
| West 1976 1977 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Significant Difference 2/ | | 0.02 | 2 | 0.2 | 2 | 1 | 0.5 | 0.5 | 0.5 | | 4(22s) | 5 | 5 | 5 | 2 | 2 | 3 | | | |
| | | | | | | | | | | | 4(22s) | 2(50s) | | | | | | | | |

1/ Based on a limited number of samples of modal quality.

2/ Minimum differences considered to be significant for comparisons in this table.

* Combed data not available.

Table 2 --Cotton, American upland short staple: Quality characteristics by production areas, crop of 1977

| Production Area, Classification | | | | Fiber Test Results | | | | | | Processing Test Results - Carded Yarns | | | | | | | | | | | | | |
|---------------------------------|-------|-------|------|--------------------|------|------|----------------|-----------|------------------|--|-----|-----------------|-----|-------------|----------|-----|-------------|--------------|------------------|--------------|-------------|--------------|-------------------|
| Sample Number | | | | Digital Fibrograph | | Mike | Fiber Strength | | Elon- gat'n 1/8" | S.A. Non- lint | | Color Raw Stock | | P & C Waste | Strength | | Elongation | | Appearance Index | | Imprfect'ns | | Spin. Poten- tial |
| | | | | 2.5% span | Unif | | Zero Gage | 1/8" Gage | | Pct | Pct | Gra | Yel | | Lbs | Lbs | 8s or 74 tx | 22s or 27 tx | 8s or 74 tx | 22s or 27 tx | 8s or 74 tx | 22s or 27 tx | |
| No | Grade | Stple | 32s | In | Pct | Rdg | Mpsi | G/tex | Pct | Pct | No | No | Pct | Pct | Lbs | Lbs | Pct | Pct | No | No | No | No | |
| SOUTHWEST AREA | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHWEST TEXAS | | | | | | | | | | | | | | | | | | | | | | | |
| AMHERST | | | | | | | | | | | | | | | | | | | | | | | |
| 2 MID | 31 | 31 | 0.94 | 48 | 5.3 | 83 | 21 | 6.6 | 1.7 | 0 | 3 | 4.5 | 286 | 91 | 7.8 | 6.1 | 120 | 110 | 18 | 11 | 39 | | |
| 3 MID | 31 | 31 | 0.98 | 45 | 4.5 | 89 | 22 | 7.1 | 2.0 | 1 | 3 | 4.7 | 294 | 98 | 7.5 | 5.7 | 120 | 110 | 19 | 10 | 47 | | |
| NEWCASTLE | | | | | | | | | | | | | | | | | | | | | | | |
| 3 MID LT SP | 32 | 32 | 0.97 | 45 | 4.1 | 86 | 20 | 7.2 | 2.7 | 2 | 3 | 4.8 | 285 | 91 | 7.0 | 5.8 | 120 | 100 | 26 | 15 | 42 | | |
| PADUCAH | | | | | | | | | | | | | | | | | | | | | | | |
| 2 MID | 31 | 32 | 1.02 | 47 | 4.5 | 86 | 22 | 7.1 | 2.7 | 1 | 4 | 4.6 | 299 | 102 | 7.8 | 6.5 | 120 | 110 | 20 | 10 | 37 | | |
| 3 MID LT SP | 32 | 32 | 1.01 | 46 | 4.5 | 88 | 22 | 7.1 | 2.9 | 1 | 3 | 4.6 | 312 | 101 | 7.5 | 6.3 | 120 | 100 | 21 | 12 | 58 | | |
| PETERSBURG | | | | | | | | | | | | | | | | | | | | | | | |
| 4 MID LT SP | 32 | 32 | 1.02 | 43 | 3.8 | 81 | 21 | 7.0 | 2.8 | 1 | 3 | 5.6 | 293 | 97 | 7.5 | 6.2 | 120 | 110 | 21 | 12 | 49 | | |
| RALLS | | | | | | | | | | | | | | | | | | | | | | | |
| 3 MID LT SP | 32 | 32 | 1.05 | 43 | 3.3 | 83 | 22 | 7.1 | 3.1 | 0 | 3 | 4.9 | 302 | 102 | 8.2 | 6.6 | 120 | 100 | 30 | 18 | 58 | | |
| SNYDER | | | | | | | | | | | | | | | | | | | | | | | |
| 3 MID | 31 | 31 | 0.98 | 44 | 4.0 | 88 | 21 | 6.2 | 2.7 | 0 | 3 | 4.4 | 294 | 99 | 7.3 | 5.8 | 120 | 100 | 28 | 16 | 46 | | |

1/ Cotton stuck to processing rolls

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1977

| Production Area, Classification & Sample Number | | | | Fiber Test Results | | | | | | | | Processing Test Results - Carded Yarns | | | | | | | | | | | |
|---|-------|-------|------|--------------------|-------|------|----------------|-------|------------------|---------------|-----------------|--|-------------|----------|-----|------------|-----|------------------|--------------|--------------|--------------|--------------------|--------------|
| No | Grade | Stple | 32s | Digital Fibrograph | | Mike | Fiber Strength | | Elon- gat'n 1/8" | S.A. Non-Lint | Color Raw Stock | | P & C Waste | Strength | | Elongation | | Appearance Index | | Imprfect'ns | | Spin. Potent- tial | |
| | | | | 2.5% span | Unif. | | Mpsi | G/tex | | | Pct | Gra | | Yel | lbs | Lbs | Pct | Pct | 22s or 27 tx | 50s or 12 tx | 22s or 27 tx | | 50s or 12 tx |
| SOUTHEAST AREA | | | | | | | | | | | | | | | | | | | | | | | |
| ALABAMA | | | | | | | | | | | | | | | | | | | | | | | |
| MONTGOMERY | | | | | | | | | | | | | | | | | | | | | | | |
| 3 LM | 51 | 34 | 1.16 | 45 | 4.1 | 80 | 22 | 8.0 | 3.4 | 3 | 4 | 5.8 | 104 | 35 | 6.3 | 4.8 | 70 | 50 | 35 | 25 | 60 | | |
| GEORGIA | | | | | | | | | | | | | | | | | | | | | | | |
| BOSTWICK | | | | | | | | | | | | | | | | | | | | | | | |
| 2 SLM SP | 43 | 34 | 1.03 | 45 | 4.4 | 83 | 21 | 6.2 | 4.5 | 5 | 5 | 7.1 | 93 | 29 | 5.5 | 4.2 | 80 | 70 | 26 | 18 | 46 | | |
| SOUTHWEST AREA | | | | | | | | | | | | | | | | | | | | | | | |
| DIXIE KING III | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHWEST TEXAS | | | | | | | | | | | | | | | | | | | | | | | |
| LUBBOCK | | | | | | | | | | | | | | | | | | | | | | | |
| 4 MID | 31 | 34 | 1.07 | 44 | 4.2 | 87 | 22 | 6.9 | 2.8 | 0 | 3 | 5.4 1/2 | 105 | 33 | 5.9 | 4.3 | 80 | 60 | 20 | 15 | 52 | | |
| WEST AREA | | | | | | | | | | | | | | | | | | | | | | | |
| COKER 5110 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT * | | | | | | | | | | | | | | | | | | | | | | | |
| ARIZONA | | | | | | | | | | | | | | | | | | | | | | | |
| BUCKEYE | | | | | | | | | | | | | | | | | | | | | | | |
| 3 SLM | 41 | 35 | 1.09 | 46 | 4.7 | 90 | 24 | 6.7 | 3.7 | 1 | 3 | 5.3 | 109 | 36 | 5.9 | 4.5 | 90 | 70 | 24 | 17 | 59 | | |
| DELTAPINE 61 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| BUCKEYE | | | | | | | | | | | | | | | | | | | | | | | |
| STONEVILLE 213 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 SLM | 41 | 34 | 1.08 | 46 | 5.0 | 87 | 22 | 6.1 | 2.3 | 1 | 3 | 5.1 | 97 | 32 | 5.4 | 3.8 | 100 | 80 | 12 | 11 | 53 | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| MARANA | | | | | | | | | | | | | | | | | | | | | | | |
| 2 SLM | 41 | 35 | 1.11 | 46 | 4.5 | 83 | 23 | 8.0 | 2.8 | 2 | 2 | 4.5 | 105 | 34 | 6.4 | 4.9 | 90 | 60 | 25 | 21 | 61 | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| MARICOPA | | | | | | | | | | | | | | | | | | | | | | | |
| 2 SLM | 41 | 34 | 1.09 | 44 | 4.7 | 86 | 24 | 6.7 | 3.1 | 2 | 3 | 5.3 | 99 | 31 | 5.8 | 4.4 | 80 | 60 | 25 | 22 | 50 | | |
| 96 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| MOHAVE VALLEY | | | | | | | | | | | | | | | | | | | | | | | |
| 2 MID | 31 | 34 | 1.10 | 42 | 4.4 | 91 | 20 | 5.3 | 2.3 | 0 | 2 | 6.5 | 92 | 28 | 4.8 | 3.5 | 100 | 60 | 14 | 14 | 50 | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| QUEEN CREEK | | | | | | | | | | | | | | | | | | | | | | | |
| 2 MID | 31 | 35 | 1.13 | 46 | 5.1 | 88 | 23 | 6.8 | 1.7 | 0 | 3 | 5.1 | 108 | 34 | 5.8 | 4.3 | 100 | 80 | 21 | 15 | 55 | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| ROLL | | | | | | | | | | | | | | | | | | | | | | | |
| DELTAPINE 61 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 SLM | 41 | 35 | 1.15 | 45 | 4.3 | 89 | 23 | 6.0 | 3.2 | 1 | 2 | 6.6 | 102 | 31 | 5.4 | 3.9 | 80 | 60 | 26 | 23 | 53 | | |
| 97 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |

* 100% selected for tests, less than 100% in the area.

1/ Cotton stuck to processing rolls.

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1977--(Continued)

| Production Area, Classification & Sample Number | | | | Fiber Test Results | | | | | | | | | | Processing Test Results - Carded Yarns | | | | | | | | | |
|--|-----------------|-------|-----|-----------------------|-------|------|-------------------|--------------|------------------------|----------------------|---|--------------------|-----|--|-----------------|-----------------|-----------------|-----------------|---------------------|-----------------|-----------------|-----------------|-------------------------|
| | | | | Digital Fibrograph | | Mike | Fiber Strength | | Elon- gat'n 1/8" | S.A. Non- Lint | | Color Raw Stock | | P & C Waste | Strength | | Elongation | | Appearance Index | | Imperfect's | | Spin. Poten- tial |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 2.5% span | Unif. | | Zero Gage | 1/8" Gage | | Pct | | Gra | Yel | | 22s or 27 tx | 50s or 12 tx | 22s or 27 tx | 50s or 12 tx | 22s or 27 tx | 50s or 12 tx | 22s or 27 tx | 50s or 12 tx | No |
| No | Grade & Code | Stple | 32s | In | Pct | Rdg | Mpsi | G/tex | Pct | | | No | No | Pct | Lbs | Lbs | Pct | | No | No | No | No | No |
| WEST AREA--(continued) | | | | | | | | | | | | | | | | | | | | | | | |
| CALIFORNIA | | | | | | | | | | | | | | | | | | | | | | | |
| BUTTERNWILLOW | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SLM | 41 | 35 | 1.10 | 43 | 3.0 | 93 | 26 | 6.0 | 3.7 | 1 | 2 | | 6.4 | 119 | 40 | 5.2 | 4.5 | 70 | 70 | 25 | 20 | 57 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CHOWCHILLA | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | LM | 51 | 36 | 1.11 | 46 | 4.0 | 97 | 28 | 6.1 | 3.9 | 1 | 2 | | 6.5 | 116 | 39 | 5.5 | 4.3 | 60 | 60 | 42 | 34 | 65 |
| ACALA SJ-4 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| COALINGA | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SLM | 41 | 35 | 1.06 | 42 | 3.4 | 89 | 26 | 6.4 | 3.7 | 3 | 3 | | 5.4 | 134 | 46 | 6.3 | 4.6 | 70 | 60 | 35 | 22 | 80 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 94 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| COALINGA | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MID | 31 | 36 | 1.10 | 45 | 4.0 | 90 | 25 | 6.3 | 2.6 | 1 | 3 | | 4.7 | 123 | 44 | 5.6 | 4.3 | 90 | 80 | 14 | 12 | 76 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| FIREBAUGH | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MID | 31 | 36 | 1.14 | 47 | 4.3 | 95 | 27 | 5.9 | 2.5 | 0 | 3 | | 4.9 | 125 | 45 | 5.7 | 4.6 | 90 | 70 | 17 | 13 | 80 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 93 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| FIVE POINTS | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SLM | 41 | 36 | 1.15 | 46 | 4.2 | 94 | 28 | 6.5 | 4.0 | 1 | 3 | | 5.8 | 132 | 47 | 6.3 | 4.9 | 90 | 80 | 15 | 14 | 82 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| LOS BANOS | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SLM | 41 | 36 | 1.11 | 45 | 3.6 | 91 | 25 | 6.4 | 3.8 | 1 | 3 | | 6.1 | 127 | 44 | 4.5 | 6.1 | 80 | 60 | 30 | 21 | 82 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 96 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| MENDOTA | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MID | 31 | 36 | 1.10 | 46 | 4.4 | 92 | 27 | 6.5 | 3.8 | 0 | 3 | | 5.1 | 125 | 45 | 5.6 | 4.5 | 90 | 70 | 22 | 15 | 74 |
| ACALA SJ-4 | | | | | | | | | | | | | | | | | | | | | | | |
| 76 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| RIPLEY | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | MID | 31 | 35 | 1.09 | 44 | 4.5 | 88 | 24 | 6.2 | 2.2 | 1 | 3 | | 6.1 | 95 | 28 | 5.2 | 3.4 | 90 | 70 | 15 | 12 | 49 |
| DELTA PINE 61 | | | | | | | | | | | | | | | | | | | | | | | |
| 96 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| SAN JOAQUIN | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | LM | 51 | 36 | 1.11 | 45 | 2.8 | 90 | 26 | 6.4 | 3.9 | 2 | 2 | | 5.5 | 120 | 43 | 5.7 | 4.4 | 70 | 50 | 36 | 24 | 70 |
| ACALA SJ-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 94 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| VISALIA | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MID | 31 | 35 | 1.10 | 46 | 4.3 | 102 | 28 | 6.0 | 1.5 | 1 | 4 | | 4.5 | 138 | 49 | 5.8 | 4.6 | 90 | 80 | 20 | 12 | 83 |
| ACALA SJ-4 | | | | | | | | | | | | | | | | | | | | | | | |
| 98 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |
| WESTMORLAND | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MID LT SP | 32 | 34 | 1.08 | 45 | 5.1 | 88 | 22 | 6.1 | 2.6 | 1 | 3 | | 5.7 | 94 | 31 | 4.9 | 3.7 | 90 | 80 | 17 | 16 | 45 |
| DELTA PINE 61 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 PERCENT | | | | | | | | | | | | | | | | | | | | | | | |

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